

FORM PTO-1449  
U.S. Department of Commerce Patent and  
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U.S. Patent and  
Trademark Office

Docket No. (Optional)  
UCSD1320-1Serial No.:  
09/940,686Applicant(s):  
Bernhard O. Palsson et al.INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTFiling Date:  
August 27, 2001Group Art Unit:  
Unassigned*1631*

RECEIVED

## U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FEB 20 2002 FILED DATE TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
<i>MSY</i>	AA	WO 00/46405	8/10/2000	PCT		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>MSY</i>	AB	et al., Edwards, Jeremy S. and Palsson, Bernhard O., "Systems Properties of the <i>Haemophilus Influenzae</i> Rd Metabolic Genotype," <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 77, 1999, pgs. 1-12.
<i>MSY</i>	AC	Hasty, Jeff et al., "Computational Studies of Gene Regulatory Networks: <i>In Numero</i> Molecular Biology," <i>Nature</i> , Vol. 2, April 2001, pgs. 268-279.
<i>MSY</i>	AD	Heinrich R. et al., "Metabolic Regulation and Mathematical Models," <i>Prog. Biophys. Molec. Biol.</i> , Vol. 32, 1977, pgs. 1-82.
<i>MSY</i>	AE	Heinrich, R. and Schuster S., "The Regulation of Cellular Systems," New York, Chapman & Hall, xix, 1996, pg. 372. 73-119
<i>MSY</i>	AF	Savageau, Michael A., "Biochemical Systems Analysis," <i>J. Theoret. Biol.</i> , Vol. 25, 1969, pgs. 365-369.
<i>MSY</i>	AG	Stephanopoulos, Gregory, "Metabolic Engineering," <i>Current Opinion in Biotechnology</i> , Vol. 5, 1994, pgs. 196-200.
<i>MSY</i>	AH	Varner, J. and Ramkrishna, D., "Mathematical Models of Metabolic Pathways," <i>Current Opinion in Biotechnology</i> , Vol. 10, pgs. 146-150. (1999)

EXAMINER	<i>MG Moran</i>	DATE CONSIDERED
		<i>1/27/04</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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APR 05 2002 INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
Applicant(s): Palsson and Edwards		Filing Date: August 27, 2001	Group Art Unit: 1636 (63)

### U.S. PATENT DOCUMENTS

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### FOREIGN PATENT DOCUMENTS

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<i>AA</i>	AA	Sauer, Uwe, "Evolutionary Engineering of Industrially Important Microbial Phenotypes," <i>Advances in Biochemical Engineering/Biotechnology</i> , Vol. 73, pgs. 129-169 (2001).

EXAMINER <i>MG Moran</i>	DATE CONSIDERED <i>1/27/04</i>
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Group Art Unit:  
1636 163

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MSM	AA	Bialy, "Living on the Edges," <i>Nature Biotechnology</i> , 19:111-112, Nature Publishing Group (2001). (2/2001).
MSM	AB	Burgard and Maranas, "Probing the Performance Limits of the <i>Escherichia coli</i> Metabolic Network Subject to Gene Additions or Deletions," <i>Biotechnology and Bioengineering</i> , 74(5):365-375, John Wiley & Sons, Inc. (2001). (9/2001).
MSM	AC	Edwards and Palsson, "Robustness Analysis of the <i>Escherichia coli</i> Metabolic Network," <i>Biotechnol. Prog.</i> , 16(6):927-939, American Chemical Society and American Institute of Chemical Engineers (2000). <i>Biotechnol. Prog.</i> (2000).
MSM	AD	Edwards et al., "In silico Predictions of <i>Escherichia coli</i> Metabolic Capabilities Are Consistent with Experimental Data," <i>Nature Biotechnology</i> , 19:125-130, Nature Publishing Group (2001). (2/2001).

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MG Moran	1/27/04

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